

CLAIMS

1. An impact-absorbing composite structure that is formed with a resin and a fiber laminated body, the impact-absorbing composite structure absorbing, when experiencing an impact, the impact by self destruction, wherein an interlayer-strength improvement technique is applied on the impact-absorbing composite structure in an oblique manner or in a gradual manner.
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- 10 2. The impact-absorbing composite structure according to claim 1, wherein the interlayer-strength improvement technique is any one of a needling, a stitching, and a three-dimensional fabric.
- 15 3. The impact-absorbing composite structure according to claim 1 or 2, wherein a destruction due to an impact progresses when there is an initial load, and then the impact is sustained from a middle of delamination of the laminated body to prevent an impact absorbing ability of the impact-absorbing composite structure from being deteriorated.
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4. A method of manufacturing an impact-absorbing composite structure that is formed with a fiber laminated body, the impact-absorbing composite structure absorbing, when experiencing an impact, the impact by self destruction, the method comprising:
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30 impregnating a resin in the fiber laminated body;
and
 applying an interlayer-strength improvement technique on the impact-absorbing composite

structure.

5. A method of manufacturing an impact-absorbing composite structure that is formed with a fiber laminated body, the impact-absorbing composite structure absorbing, when experiencing an impact, the impact by self destruction, the method comprising:

10 applying interlayer-strength improvement technique on the fiber laminated body; and impregnating a resin in the fiber laminated body.

15 6. A driving object comprising the impact-absorbing composite structure according to any one of claims 1 to 3.

7. An aviating object comprising the impact-absorbing composite structure according to any one of claims 1 to 3.